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AUTHOR:

Gol'din, fe. L.

317, 64-58-4-13/20

TITLE:

On the Theory of Furification Centrifuges With Continuous Feed (K seorii osvetlyapushchikh tsentrifug a nepreryvnym

pitanijem)

PERIODICAL:

Khimicheskaya promyshlennost', 1953, Nr 4, pp. 2-7-249

(USSR)

ABSTRACT:

In the continuous operation of the above mentioned centrifuses, liquid flow along the inner axis of the rotor is formed which is of importance for technological calculations. Since this problem has hitherto not been dealt with in jublications the present paper investigates the liquid flow by means of hydrodynamic equations assuming a laminar flow. A cylindrical centrifuse with continuous liquid feed is investigated and the corresponding mathematical calculations are carried out. The use of the ortained final equation permits to precise the theoretical capacity of the mentioned centrifuse as compared to the usual calculations.

The calculation is based on the sociition that with a

Card 1/2

given operation length of the rotor the smallest particles

On the Theory of Parification Centrifules With 357/64-58-4-15/20 Continuous Feed

of the separated solid phase which move away from the free surface of the liquid in raifal direction reach the wall of the rotor. The smaller the length of the way which the particles have to take in the axial direction the higher is the paraited velocity of the axial current flow and thus also the theoretical limit capacity w. The radial velocity of the solid particles can be determined from the conditions of equilibrium of the centrifulal force, the hydrostatic pressure and the drag according to Stockes. There are 1 rigurs, 1 table, and 3 references—which are loviet.

1. Centrifuges--Theory 2. Finia flow--Mathematical analysis

Card 2/2

GOL'DIN, Ye.M.

Ifydrodynamic stream of viscous fluid in a partially filled cylindrical centrifuge. Trudy LTIKHP 15:123-131 '59.

(MIR. 13:4)

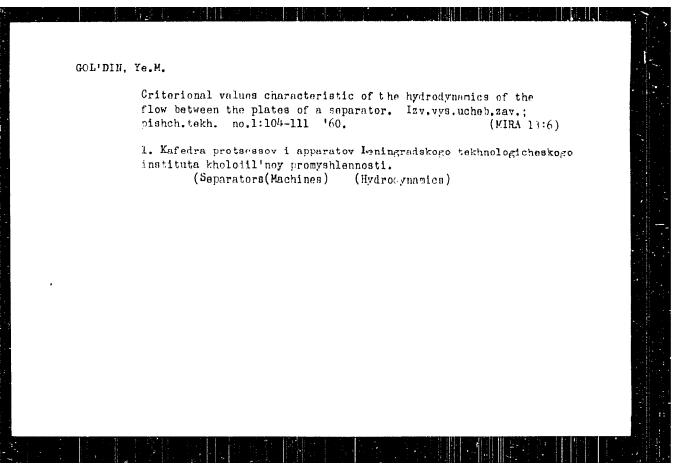
1. Predstavlena Kafedroy protsessov i apparatov Leningradskogo tekhnologicheskogo instituta kholodil'noy promyahlennosti.

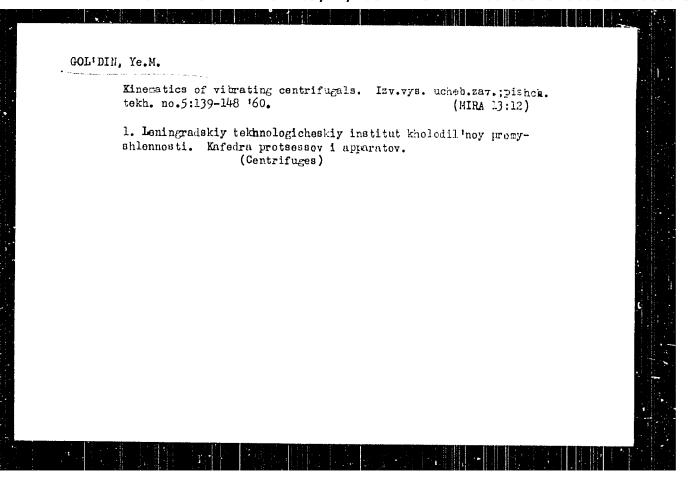
(Centrifugation) (Fluid dynamics)

GOL'DIN, Yo.M.

Motion of a viscous fluid in plate separators with radial fins. Trudy LTIKHP 15:132-140 '58. (MIRk 13:4)

1. Predstavlena Kafedroy protsessov i apparatov Leningradskogo tekhnologicheskogo instituta kholodil'noy promyshlennosti.
(Fluid dynamics)





GOL'DIN, Ye. M.

Doc Tech Doi - (fiss) "Foundations of the dynamic theory of centrifugal processes. (Liquid plate separators, filtering and settling centrifuges)." Moscow, 19cl. 55 pp with diagrams; (Ministry of Higher and Secondary Specialist Education RDFSE, Moscow Inst of Chemical Machine-Buildings; number of daries not given; price not given; list of author's works on n 75 (1- entries); (KL, 6-61 sup, 211)

EWT(1)/EWP(m)/EWT(m) ACC NR. AP6013219 SOURCE CODE: UR/0421/66/000/002/0152/0155 43 B AUTHOR: Gol'din, Ye. M. (Leningrad) ORG: none TITLE: Stability of flow between the plates of a separator AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 2, 1966, SOURCE: 152-155 TOPIC TAGS: fluid flow, flow separation ABSTRACT: Normal operation of a separator requires laminar flow conditions. The present article examines the hydrodynamic stability of interplate flow and proposes specific criteria which are applicable industrially and which have physical meaning. For treatment of the basic flow, the author starts with the Navier-Stokes equation with appropriate boundary conditions. For the case of disturbed flow, the equations are formulated in a form analogous to that for the first case, taking account of axial symmetry, steady state movement, and an additional velocity component perpendicular to the plate. Final result of the calculations is a criterion expressing the ratio of the peripheral velocity of the liquid relative to the plate to the transport Card 1/2

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SOURCE CODE: UR/0336/66/004/011/0441/0445 ACC NR: AP7001337 AUTHOR: Gol'din, Yu. A.; Dmitriyev, V. G.; Tarasov, V. K.; Shkunov, F V. ORG: none TITLE: Observation of generation at the sum frequency in electro-optic nonlinear crystals SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 4, no. 11, 1966, 441-445 TOPIC TAGS: laser r and d, ruby laser, neodymium glass, emission spectrum, electrooptic effect ABSTRACT: The authors present the results of experiments aimed at observing the generation of the sum frequency of two Q-switched lasers, ruby (0.6943  $\mu$ ) and Nd<sup>3+</sup> glass (1.058  $\mu$ ), which falls in the blue-violet band (0.4192  $\mu$ ). The frequencies were added in a nonlinear electro-optic KDP crystal cut in the synchronism direction. The main difficulty of synchronizing the laser spikes within ~5 nsec was circumvented by using a cavity with confocal geometry (Fig. 1). The parameters of the ruby and neodymium-glass lasers and of the output radiation were: laser pump power 800 Joule each, pulse duration 40, 40, and 10 nsec, output energy 0.1, 0.4, and 10-3 Joule, power density 2.5, 10, and 0.1 mw/cm2. The radiation transformation coefficient at the sume frequency was thus ~1%. The obtained emission spectrum at the sum frequency is presented and is compared with that of a mercury lamp. The feasibility of real-Card 1/2

USSR/General Problems of Pathology - Comparative Oncology

U-1

abs Jour

: Ref Zhur - Biol., No. 18; 1958, 84935

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Goldin, Yu. A.

Inst

no institute is given

Title

: Multiple Primary Malignant Tumors

Orig Pub

: In the collection: Materialy 20-y nauchn, konferentsii po probleme profilaktiki i lecheniya zlokachestv. novoobrazovaniy. Ryazan'. 1956, 72-81

Abstract

: Of 4028 patients with malignant tumors, 13 (0.3 percent) were found to have multiple primary malignant tumors. In two of these, it was questionable whether all tumors were primary. Short histories are given of eleven patients with multiple primary tumors, of whom ten patients had various combinations of carcinoma and only one had a carcinoma combined with a sarcoma. Involvement of the skin of the face was seen in two patients, of the skin of the face and lower lip in two, and of organs situated in immediate functional centiquity (such as both breasts, or a breast and the uterus) in two,

Card 1/2

GOL'DIN, 1.14.) EUDRIN, A.S.

Erfort of the unitati of melegica on the academing from morphine-ether aneschesia. Exsper. anir. I ament. 8 no.4:81-83 J2-Ag 163.

1. Kafedra fajruktlogii (paveduyusuniy qurat. A.S. Kudrin) 1 kafedra obchology khirungii (paveduyundiy - dektor med. nauk V.I. Astrakhan) hyazan kona sediradnakasa instituta itani I.F. Pavlova.

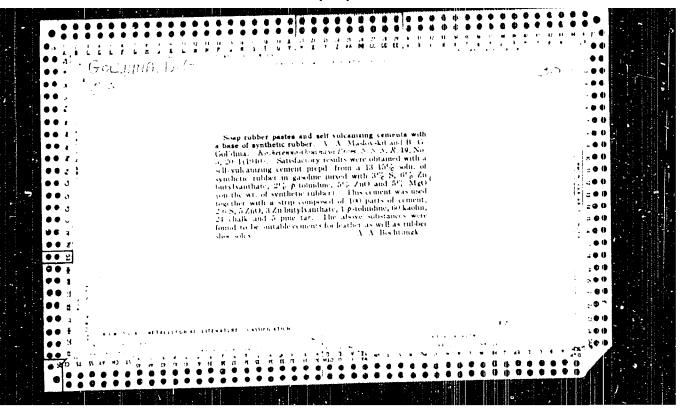
ENT(1)/ENT(m)/EPF(c)/ENP(i)/EEG(t)/ENP(t)/ENP(b) IJP(c) UR/0188/65/000/003/0084/0088 ACCESSION NR: AP5016630 535.44 AUTHOR: Gol'din, Yu. Ay; Marchenko, V. F. TITLE: Generation of the second harmonic of light in a thin crystal layer astronomiya, no. 3, SOURCE: Moscow. Universitet. Vestnik. Seriya 3, Fizika, 1965, 84-88 TOPIC TAGS: nonlinear optics, harmonic generation, second harmonic, nonlinear effect, frequency converter ABSTRACT: The authors suggest a system for generating the second harmonic from the fundamental which consists of a thin layer of nonlinear dielectric embedded in another dielectric medium. The fundamental undergoes a series of complete internal reflections in the layer, and the harmonics generated with each reflection are superimposed. The conditions under which the fundamental will undergo complete internal reflection, while the harmonics fall on the boundary at Brewster's angle, are stated for the three axial orientations of the optical axis of a uniaxial crystal layer. The intensity of the harmonic thus developed as found by the summation Card 1/2

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method used in the theor be used in such a system bedded in CaCO <sub>3</sub> to fulfi described system can be 2 figures and 6 formulas	are su 11 the used as	ggested reculsi	, and th	e possi tions i	bility s cons	of en	ployir In de	g CdS tail. art.	in- Tre	it
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ZIN'KOVA, M.L.; GOL'DIMA, A.S.

Treating lumbosacral peripheral nerves with bee venon. Vrach.
delo sumplement '57:79-80 (MIRA 11:3)

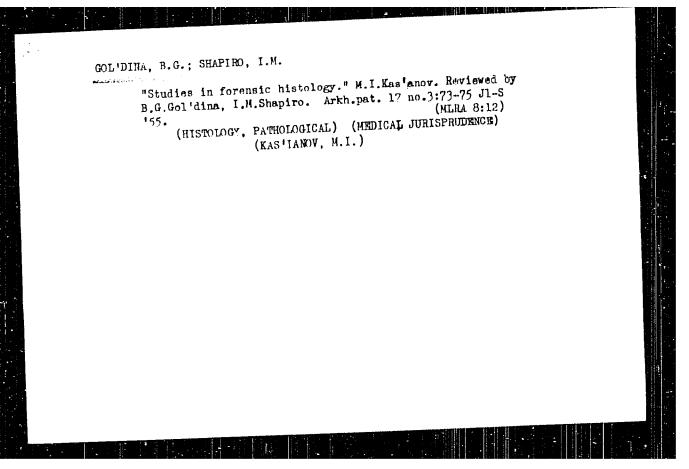
1. Nevrologicheskoye otdeleniye Pervov Simferonol'skoy gorodskoy
bol'nitsy (nauchnyy rukovoditel'-prof. N.N.Pyntritskiy)
(NERVOUS SYSTEM--DISEASES) (VENOM--THERAPEUTIC USE)



GOL'DINA, B.G.

Certain compensatory changes in the lungs. Ark. pat., Moskva 14 no. 2:44-53 Mar-Apr 1952. (CLML 22:5)

1. Of the Institute of Normal and Pathological Morphology of the Academy of Medical Sciences USSH and of the Department of Pathological Anatomy of First Moscow Order of Lenin Medical Institute (Head -- Academician A. I. Abrikosov.



VELISHEVA, L.S.; COL'DINA, B.G.

Analysis of cases of natural death as shown by data from medicolegal morgues. Sud.-med.ekspert. 2 no.4:32-35 O-D '59.

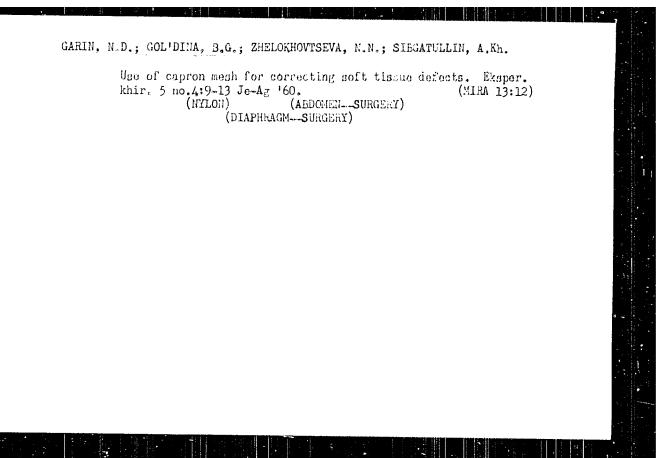
1. Eyuro Moskovskoy gorodskoy sudebnomeditsinskoy ekspertizy.

(DRATH--CAUSSS)

GOL'DINA, B.G.; ODINA, K.M.

Waterhouse-Friderichsen's syndrome in the sudden death of children.
Sud.-med. ekspert. 3 no.3:32-35 Jl-S '60. (MIRA 13:9)

1. Byuro sudebnomeditsinskoy ekspertizy (zav. L.S.Velisheva)
Moskovskogo gorodskogo otdela zdravookhraneniya.
(COCCAL INFECTIONS) (DEATH—CAUSES)

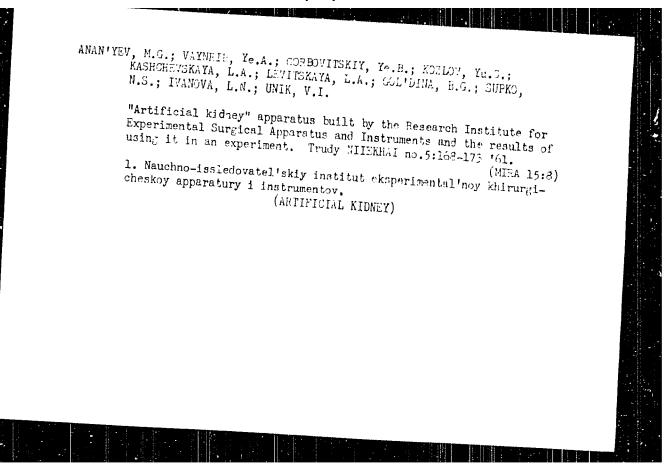


GOL'DINA, B.G.; GUTKIN, V.S.; KFYUCHKOVA, C.S.; SAVGHERKE. Te.L.

Pathological anatomical data on the use of suturing apparatus from the Research Institute for Experimental Surgical Apparatus and Instruments in the clinic. Trudy NIIEKHAI no.5:55-64 '61.

1. Nauchno-issledovatel'skiy institut eksperimental'nov khirurgicheskoy apparatury i instrumentov.

(SUTURES) (SURGERY, OPERATIVE)



# "APPROVED FOR RELEASE: 09/24/2001

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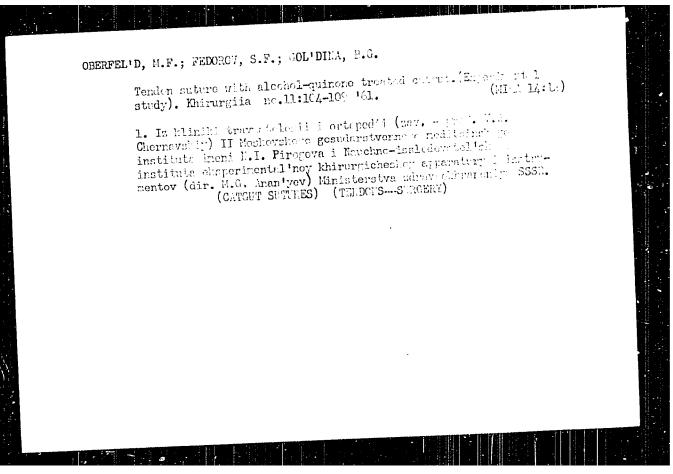
BOGOMOLOVA, O.R.; GOLIDHIA, B.G.; KRYUCHEOVA, G.S.; SAYOFEEKO, Ye.D. (Moskva)

Some problems in the morphology of mechanical nature. Arkh.prt.
(MIRA 14:10)

no.10:58-64 i61.

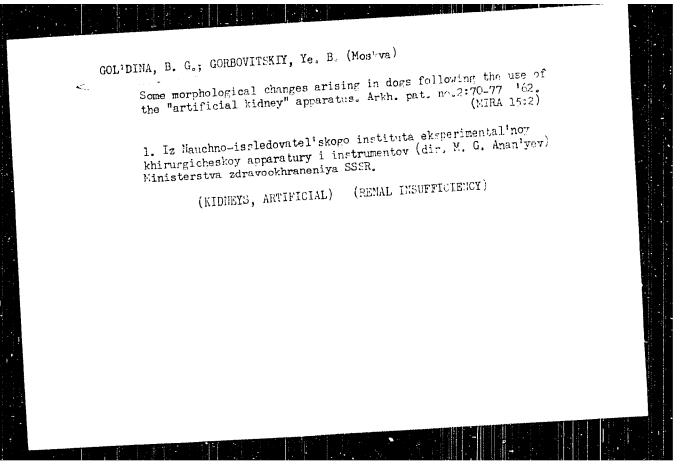
1. Is beloratorii patemorfelerii Nauchno-issledovatel'skogo institute ekaporimental'nor khirunjicheokey apparatury i instrumentov (dir. M.G. Anan'yev).

(SEQURES)



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## CIA-RDP86-00513R000515710003-9



ANAN'YEV, M.G.; GORBOVITSKIY, Ye.B.; KOZLOV, Yu.G.; GOL'DINA, B.G.;
KASHCHEVSKAYA, L.A.; LEVITSKAYA, L.A.; IVANOVA, L.N.; SUPRO,
N.S.; TKACHFUKO, A.S.; UNIX, V.I.

Study of and experience in the use of the Soviet artificial
kidney apparatus. Sov.med. 26 no.7:15-20 J1 '62. (MIRA 15:11)

1. Iz Hauchno-issledovutel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov (dir. M.G.Anan'yev).

(KIDNETS, ARTIFICIAL)

L 19790-65 AFVIL/MID

ACCESSION NR: AR4045764

s/0299/64/000/013/1016/MO16

SOURCE: Ref. zh. Biologiya, Svodny#y tom, Abs. 130101

AUTHOR: Gritsman, Yu. Ya.; Golidina, B. G.; Gurayeva, Hh. F.; Eyngorn, A. G.

TITLE: Investigation of possible long-term kidney preservation (et positive temperatures)

CITED SOURCE: Sb. 3 Vses. konferentsiya po peresanke tkaney 1 organov, 1963. Yerevan, 1963, 123-124

TOPIC TAGS: kidney, dog, preservation, autotransplantation, transplantation, temperature

TRANSLATION: Autotransplantation of nonpreserved sidneys was performed on the neck of one group of dogs. The kildney functioned in 5 of 9 experiments. With autotransplantation, dystrophic changes appeared in the kidney which did not deprive the organ of its functional capacity. In the second series of experiments kidneys were preserved at +2, +4°C. Dystrophic epithelium changes which were

Card 1/2

L 19790-65 ACCESSION NR: AR4045764

apparently irreversible (in the main parts of the convoluted tubules) appeared in the kidney structure. In the third serials autotransplantation of kidneys, preserved at low positive temperatures, was performed on 16 dogs. The transplanted kidney functioned for a short period in 7 dogs, for 4 days in 1 dog, and in 1 dog wrine was excreted for 39 days and then, with removal of the intact kidney, the animal died. In all cases histological investigation disclosed the presence of changes in all parts of the nephron. The glomeral and stroma of the kidney were damaged considerably less and sometimes not at all. Thus, the advisability of preserving kidneys under temperature conditions of +1 to 400 is dubious, because changes develop in the kidney destroying its function.

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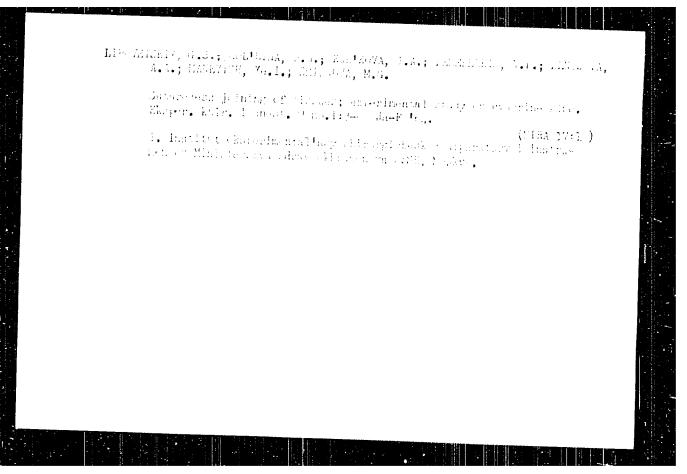
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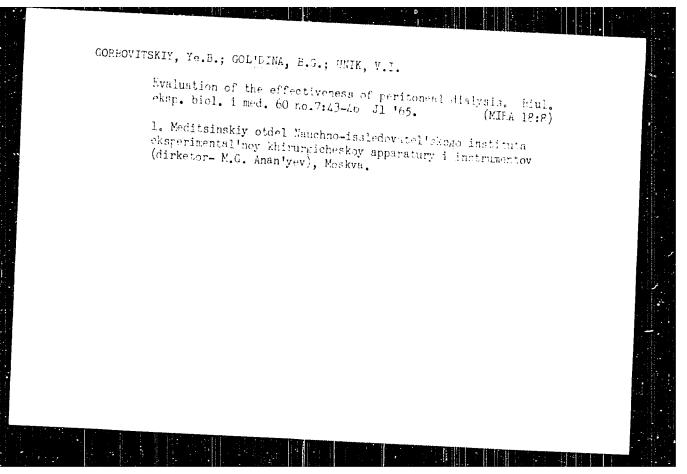
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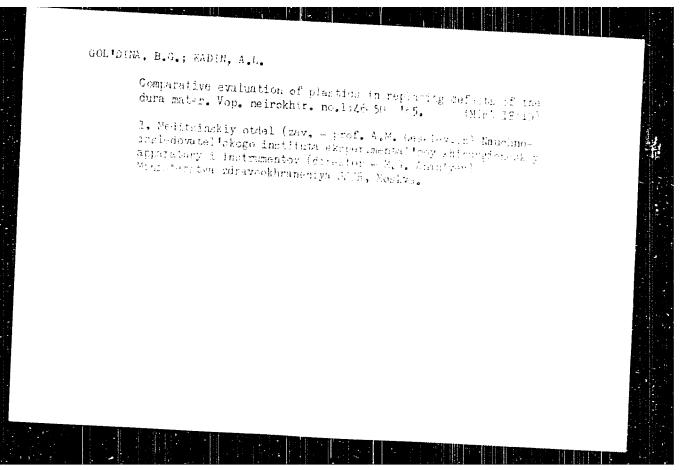
GOL'DINA, B.C.; LIPOVETSKIY, G.S. (Moskva)

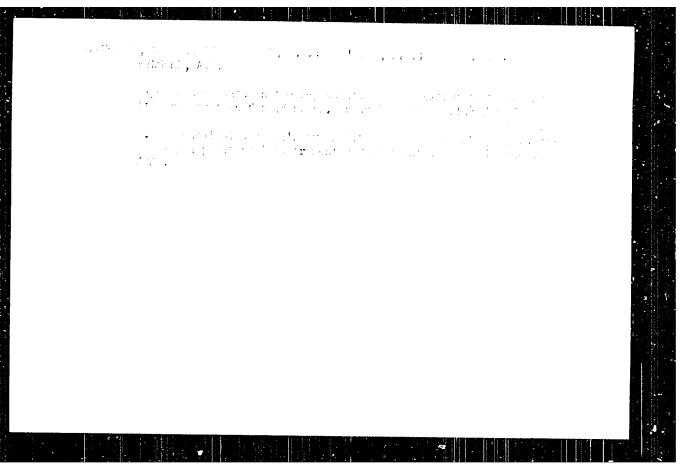
Reparative processes in prosthetic restoration of the bile ducts. Arkh. pat. 25 no.5:62-67 '63. (MIEA 17:2)

1. Iz Nauchno-issledovatel'skogo instituta eksperimental'-noy khirurgicheskoy apparatury i instrumentov Ministerstva zdravookhraneniya SSSR (dir. M.G. Anan'yev').

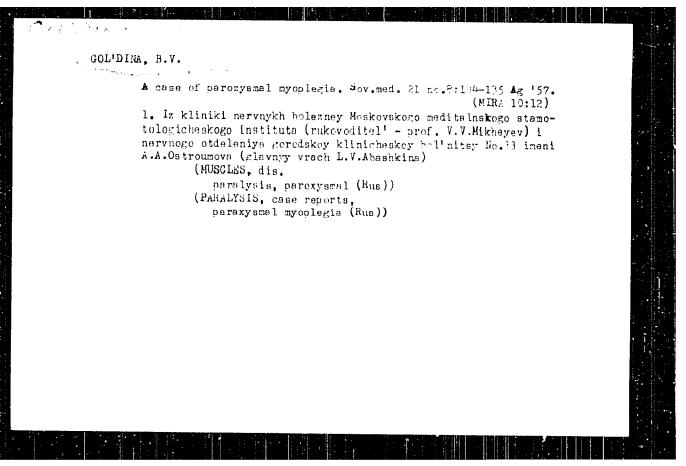








AUTHOR: Gritsman, Yu. Ya.; Lipovitskiy, G. S.; Gol'dina, B. G.; Orlova,	R. B.
TITLE: Experimental data on extremity grafting after preservation for 48 hr	
SOURCE: Bef. zh. elekajiya, Part R. Abs. 5M99	
REF SOURCE: Te perfosk, med. in-ta, v. 42, 1985, 189-173	
TOPIC TAGE: (1991) — transplant, grafting, extremity, extremity grafti amputation	
ABSTRACTIVE seeds of a promission of T dogs were greserve at #2 and # for 48 hr. The seeds of the control after the operation, the rest were and observation for the seed of the months. The postoperative review of hose dogs with more difficult and costrophycal entages were more severe than it dogs with extremities messer endow 24 hr after the amputation. Throughtfor of abstraction	er as
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ZINOVKIN, G.S., otv. za vypusk; GOL'DINA, E.I., red.; GERASIMOVA, Ye.S., tekhn.red.

[Standard work and time norms for loading and unloading of railroad cars, motor vehicles, and work in warehouses] Edinye normy vyrabotki i vremeni na vagonnye, avtotranaportnye i skladskie pogruzochno-razgruzochnye raboty. Moskva, Gosplanizdat, 1960. 301 p. (MIRA 14:2)

1. Mescow. TSentral noye byuro promyehlennykh normativov po trudu.

(Loading and unloading)

ZINOVKIN, G.S., otv. za vypusk; GOL'DINA, E.I., red.; GERASIMOVA, Ye.S., tekhn.red.

[Unified production and time standards for ship loading and unloading operations in river harbors] Edinye normy vyrabotki i vremeni na sudovye pogruzochno-razgruzochnye raboty, vypolniaemye v rechnykh portakh. Moskva, Gosplanizda, 1960. 276 p.

(MIRA 15:4)

1. Moscow. TSentral nove byuro promyshlennykh normativov po trudu. (Harbors) (Loading and unloading-Standards)

ZINOVKIN, G.S., otv. za vypusk; GOL'DINA, E.I., rad.; PONOMAREVA, A.A., tekhn.red.

[Unified production and time norms for ship loading and unloading operations in sea harbors] Edinya normy vyrahotki i normy vremeni na sudovya pogruzochno-razgrusochnya raboty, vypolniasmya v morskikh portakh. Moskva, Gosplanisdat, 1960. 381 p.

(MINA 14:4)

1. Moscow. TSentral'noya byuro promyshlennykh normativov po trudu.

(Harbors) (Loading and unloading.-Standards)

MARKOS, G.A.; Prinimali uchastiye: ZHIVOGLAZOVA, L.Ye.; MIKITIMA, V.A.;
AKIMOVA, M.V.; GOL'DIMA, F.M.; SMIRMOVA, A.M.

New reagents based on products from the coal chemicals industry.
Koks i Khim. no.2:52-54 '63.

1. Fenol'nyy zavod (for Markus). 2. Ukrainskiy uglekhimicheskiy
institut (for all except Markus).

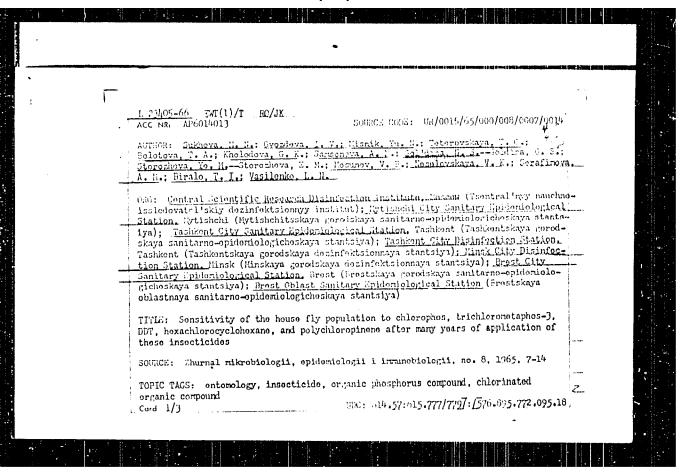
(Coke industry—By-products)

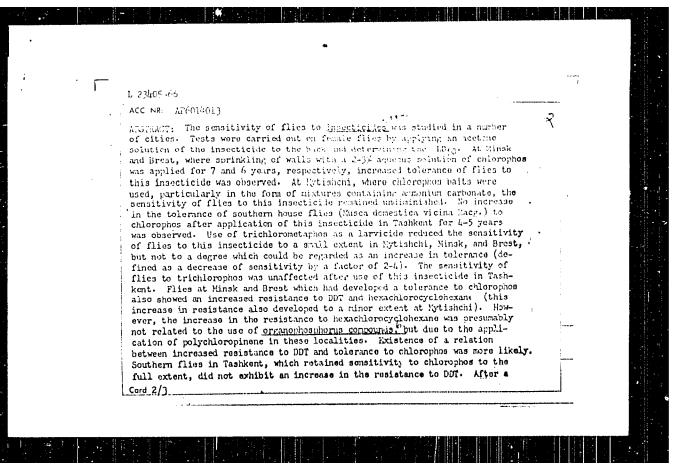
(Chemical tests and reagents)

SUKHOWA, M.M.; GWEGLUWA, I.V.; MICHIE, Yu.B.; THEYS WINE, T.C.; BESCHOWA,
T.A.; EBERS LOWA, G.E.; CHARLEN, Ye.B.; MERCHOWA, J.F.; GEREWA,
V.B.; MARRICHETT, V.K.; GOLTO T., G.J.; MERCHOWA, J.F.; GEREWA,
T.I.; WASTIEUER, L.N.

Sensitivity to chloropina, trichleromataples, ET, hemachicrocyclohexame and polychlorog heme in hemachly journations fellowing the use of those insecticions for several genes. Jour.
mikrobiol., epid. i immun. An ma.Str-iA Eg 165. (Mich. 12:9)

1. Thentral my manehmo-inclementatel skiy decinfetcionary institut, Scokva, Mytishchinskaya i Tachkentskaya gorodskiy sanitarnoepidemiologicheskiye stantsii, Tachkentskaya i Munskaya gorodskiye
decinfektsionarye stantsii i Brestskaya gorodskiya i Brestskaya
oblastnaya sanitarno-epidemiologi sheskiye stantsii.

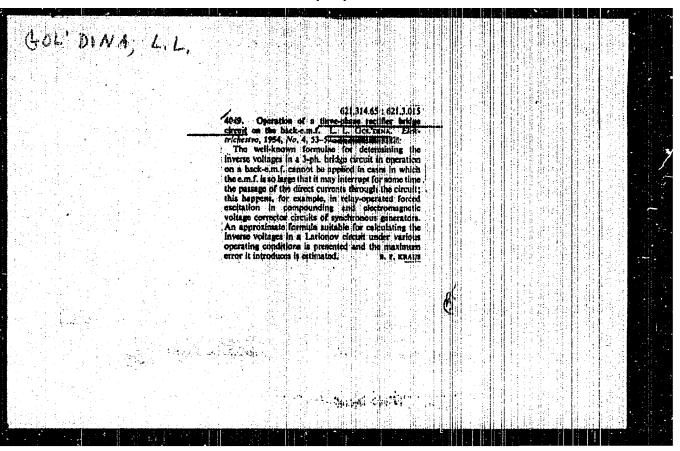


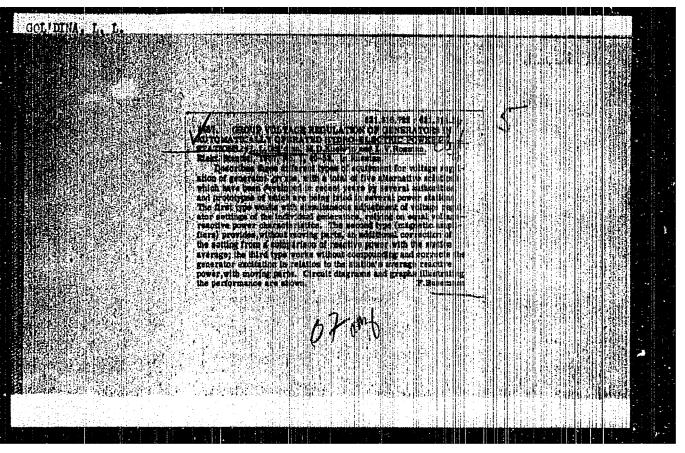


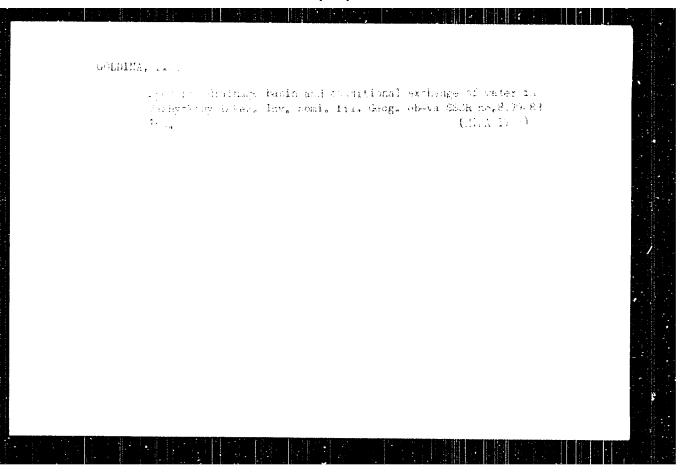
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	ACC NR: AP6014013  6 to 7 year discontinuance of the use of chlorinated hydrocarbons in Tanhkent, a moderate tolerance to DDT that was on the initial level remained, while the resistance to hexachlorocychlohoxane decreased by a factor of three. The most expedient methods for the extermination of flies are used of chlorophes — armonium carbonate baits to exterminate image and application of larvicides, specifically those containing trichlorometaphes — 3 in optimum desca, so that development of telerance will be prevented. Orig. art. has: 4 figures and 2 table [JPRS]	<i>C</i>
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<u>c</u>	ard 3/3 Jc	

NIKITIN, Petr Ivanovich, kand. geol.-miner. nauk; GVNATANOV, Suren Tomasovich; AMBARTSUMOVA, Aida Tatevozovna; BARICE, Elvira Sergeyevna; GOL'DINA, Lilya Ionifovna; LUNINA, Aleksandra Grigor'yevna; STANKOVICH, Yu.V., red.; BAGIROVA, S., tekhn.red.

[Development of a multilayered pool of the Balakhary serier in the Peschanyy-More oil field] Razrabotka mnogoplastovoi zalezhi balakhanskoi svity neftianogo mesterozhdeniia Feschanyi-moro. Baku, Azerneshr, Pess. 51 j. (MIRA 17:4)







EWT(m)/BDS/ES(b)--AFFTC/ASD--RM/K L 10778-63

ACCESSION NR: AP3003936

S/0205/63/003/004/0582/0586

AUTHOR: Skavronskaya, A. G.; Fradkin, G. Ye.; Borisova, N. B.; Zemchuk, L. A.; Gol'dina, L. P.

TITLE: Influence of the intensity of synthesis of nucleic scilds albumin on the lethal and mutagenic effects of gamma radiation q

SOURCE: Radiobiologiya, v. 3, no. 4, 1963, 582-586

TOPIC TAGS: gamma radiation, nucleic acid, albumin, mutagenesis, synthetic process intensity, radiation, DNA, RNA

ABSTRACT: The influence of the intensity of synthesis of nucleic acids and albumin on the lethal and mutagenic effects of gamma radiation was examined by reproducing the process of mutability and varying the intensity of the synthetic processes. In this way the role of individual cell components in determining and changing the hereditary traits of microorganisms was examined. Experiments were conducted with E. coli B cultures in a glucose salt "minimal" medium, using a Co<sup>60</sup> gamma-ray source. Levomycetin was used to vary the intensity of the synthetic processes in the cell. It was found that the lethal and matagenic

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### "APPROVED FOR RELEASE: 09/24/2001

L 10778-63

ACCESSION NR: AP3003936

effects of radiation increase under the action of gamma rays against a background of an almost complete block of albumin synthesis and of retarded nucleic acid synthesis. Irradiation of the culture under conditions of retarded albumin synthesis and negligibly stimulated EWA and RNA synthesis leads to some lessening of these effects. The presence of a correlative relationship between the intensity of DNA and RNA synthesis, on the one hand, and mutagenic and lethel action of gamma irradiation, on the other, confirms the genetic role of nucleic acids and attests to the dynamic character of the functioning of the cellular genetic structures. Orig. art. has: 1 figure and 2 tables.

ASSOCIATION: Institut epidemiologii i mikrobiologii im. akad. N. F. Gamaleya AMN SSSR, Moscow (Institute of Epidemiology and Microbiology, ANN SSSR)

SUBMITTED: 17Ju162

DATE ACQ: 15Aug63

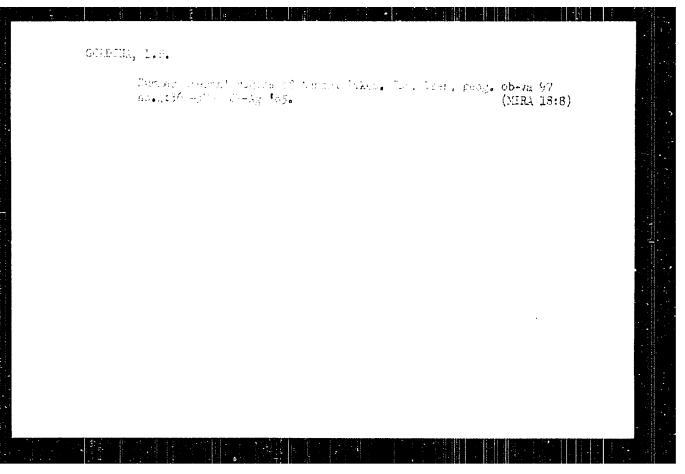
ENCL: 00

SUB CODE: AM

NO REF SOV: 001

OTHER: 005

Card 2/2



TIMAKOV, V.D.; PROZOROVSKIY, S.V.; GOL'DINA, L.R.

Continuous cultivation of microorganisms. Zhur.mikrobiol., epid.
i immun. 32 no.10:5-11 0 '61. (MT.A 14:10)

1. Iz Instituta epidemiologii i mikrobiologii im. Gamalei AMN SSSR. (MICROBIOLOGY)

SKAVRONSKAYA, A.G.; FRADKIN, G.Ye.; BORISOVA, N.B.; ZAMCHUK, L.A.; GOL'DINA, L.R.

Influence of the intensity of nucleic acid and protein synthesis on lethal and mutagenetic effects of  $\gamma$ -irradiation. Radiobiologiia 3 no.4:582-586 163. (MIRA 17:2)

l. Institut epidemiologii i mikrobiologii im. akad. N.F. Gamaleya AMN SSSR, Moskva.

SKAVRONSKAYA, A.G.; BORISOVA, N.B.; Gall'Ulina, J.E.

Effect of levomycetin on the immusity of protein and nucleic acid synthesis in Escherichia ocil B. Shura makrobiol. epid immun, 40 nc.5:138-143 My '{3}

1. Iz Instituta epidemiologii i mikrobiologii immoi femmule:

AMN SSSR.

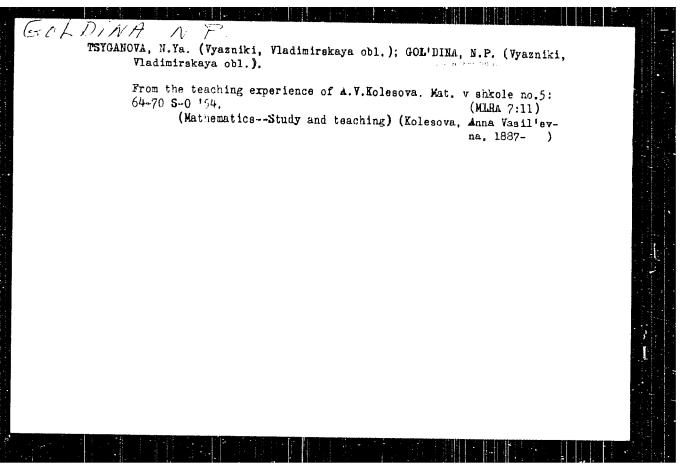
SOURCE CODE: UR/0372/66/000/009/0024/0024 ACC NR: ARGO35401 AUTHOR: Gol'dina, M. B.; Toroptsov, V. S. TITLE: Calculation of the reliability of direct-action regulators SOURCE: Ref. zh. Kibernetika, Abs. 96156 REF. SOURCE: Sb. Avtomatiz, khim. i neftekhim. proiz-v. Vyp. 3. M., 1965, 69-80 TOPIC TAGS: automatic regulation, reliability, probability, circuit failure accord rive-bility ABSTRACT: Procedures are developed for the calculation of the reliability of a direct-action regulator. In the calculation the following characteristics of reliability are observed; a) probability of absence of failure of the "open circuit" type, b) probability of the absence of failure of the type "short circuit," c) the efficiency of the functioning of the regulator, which is defined as the mathematical expectation of its output effect, i.e., the probability of fulfilling the task for all possible states of the regulator. 2 illustrations. V. L. [Translation of abstract] SUB CODE: 1409, 13 Card 1/1 UDC: 62-507.019.3

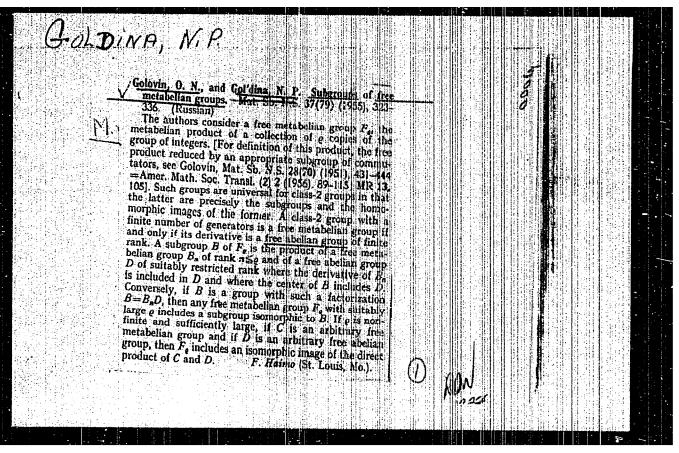


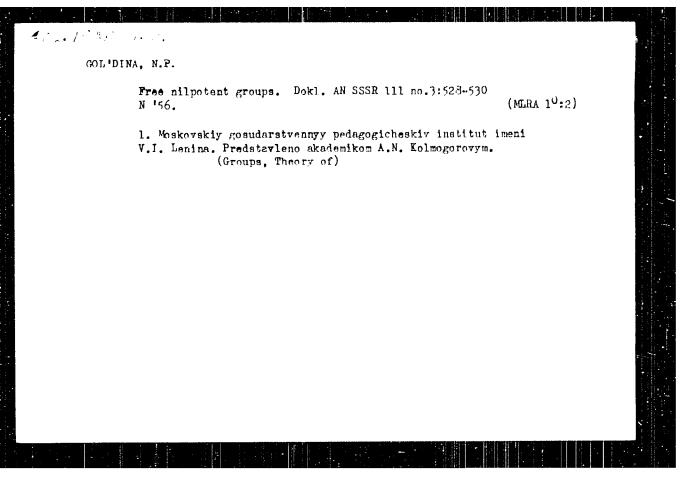
VURCNIN, Yn.1.; Getterka, M.a.

/t cample of the joint simplified mathematical analysis of geological elementications. Good. ! geofic. no.2:83-91 \*165. (MIKA 18:9)

i. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novoolbirsk.







AUTHOR: Gol'dina, E.i. 30V/42-13-3-6/4:

TITLE: The Solution of Some Algorithmic Problems for Free and Free

Nilpotent Groups (Resheniye nekotorykh algoritmicheskikh problem

dlya svobodnykh i svobodnykh nil'potentnykh grupp)

PERIODICAL: Uspekhi Matematicheskikh Nauk, Vol 13, Nr 3, pp 183-184 (USDA) 1988

ABSTRACT: The author develops a simple algorithm. With the aid of this

algorithm it is possible to come to know for every element  $\epsilon$  of a free, roup F given by three generators whether this element

belongs to the n-th term F of the lower central series or not.

For a free m-step nilpotent group this algorithm solves the problem of identity. For a free metabelian group, with the aid of the algorithm are obtained the metabelian group.

of the algorithm one obtains the necessary and sufficient conditions that two elements g and g' are conjugate. The author uses only the general properties of the commutators and the nilpotence of the group. Therefore the described

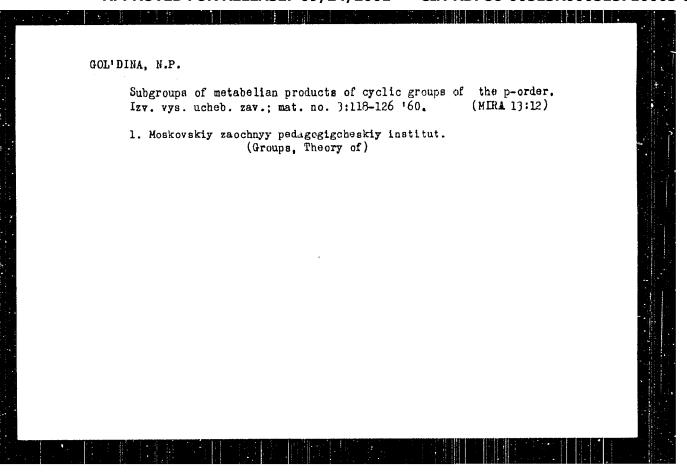
process can be realized in every nilpotent group and every nilpotent ring; mod \_F it can be realized even in every group

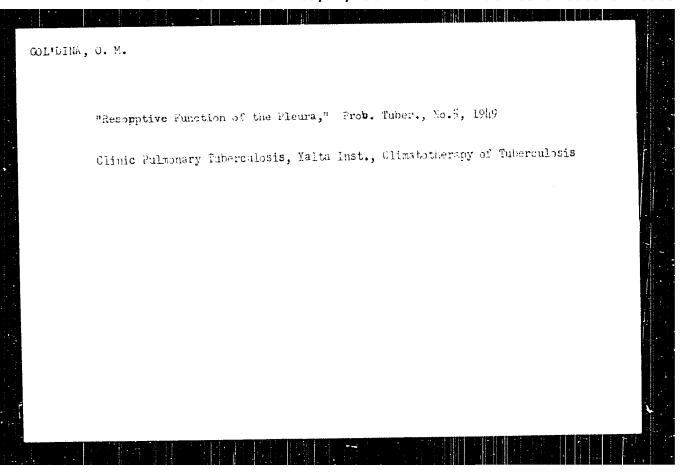
and every assiciative ring.

Card 1/2

There are 10 references, 4 of which are Soviet, 1 Swiss,

2 German, 1 English and 2 American.





GOL'DINA, O. M.

"The Course of Pneu oplearitis on the Southern Coest of the Crimes and Clinical Methods of Using Suction to Remove the Exulates by Intraplearal Application of Methy one Blue." Coni Med Sci, Central Inst for the Alvanced Training of Thysicians, Min Health USSE, Moscow, 1954. (KL, No.1, Jan 55)

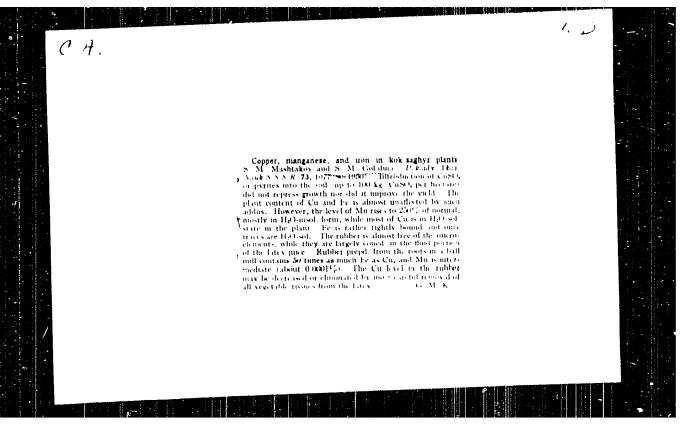
Survey of Scientific and Technical Discertations Defended at USER Higher Educational Institutions (12) 80: Sum. No. 554, 24 Jun 55

DYNKEVICH, E.S.; GOL'DINA, R.M.

Organization of medical care for children in day nurseries and kinder-gartens of collective farms in Gorkiy Province. Vop.okh.mat. i det. 4 no.6:60-63 N-D. '59. (MIRA 13:4)

1. Iz Gor'kovskogo pediatricheskogo nauchno-issledovatel'skogo instituta ministerstva z dravookhraneniya RSFSR (direktor N.P. Zhukova, nauchnyy rukovoditel' - prof. A.G. TSeytlin).

(GORKIY PROVINCE--CHILDREN--INSTITUTIONAL CARE)



GOL'DINE, S. M.

USSR/Biology - Plant Physiology

Card

1/1

Authors

Mashtakov, S. M., Gol'dine, S. M., and Frokudina, R. I.

Title

Increase in the strength of cereal grain stalks by the use

of 2, 4-dichlorophenoxyacetic acid

Periodical

Dokl. AN SSSR, 96, Ed. 4, 845 - 848, June 1954

Abstract

Experiments with cats showed, that spraying of plants, during complete growth of the sprouts, with w, 4-DU (Dichlorophenoxyacetic acid) in 2 kg dosages per hectare of land, leads to a reduction in grain yield. Nine references. Table.

Acad. of Sc. Byeloruss-SSR, Inst. of Melioration Water and

Swamp Control

Presented by: Academician A. L. Kursanov, April 1, 1954

GOLDINA, S.M.

WSSR/Agriculture - Melioration

Card 1/1

Pub. 22 - 37/44

Authors

Title

Mashtakov, S. M.; Kulakovskeya, T. N.; and Gol'dina, S. M.

topour processing both for the a-Activity of ferments and breathing intensity as indicators of

biological activity of the soil

Periodical

Dok. AN SSSR 98/1, 141-144, Sep 1, 1954

Abstract

Report is made on the biological activity of the soil as determined by the breathing intensity of the latter and the activity of ferments applied to the soil. Tables, showing the number of micro-organisms, ferment activity and breathing intensity of peat and mineral soils, are included. Bight USSR

references (1937-1953).

Institution :

Acad. of Sc. Byeloruss-SSR, Institute of Melioration

Presented by : Academician A. L. Kursanov, June 4, 1954

USSR/Biology - Plant physiology

Card 1/1 Pub. 22 - 45/45

Authors Mashtakov, S. M.; Kulakovskaya, T. N.; and Gol'dina, S. M.

Mitle : About rubber bearing properties of wild growing Kok-Saghin plants

Periodical : Dok. AN SSSR 103/2, 341-344, Jul 11, 1955

Abstract : Scientific data are presented on the rubber bearing properties of wild

growing Kok-Saghiz plants. Four USSR references (1936-1951). Tables.

Institution :

Fresented : Academicia A. L. Kursanov, May 20, 1955

USSR/Cultivated Plants - Fodders.

М

Abs Jour

: Ref Zhur Biol., No 12, 1958, 53671

Author

: Mushtakov, S.M., Gol'dina, S.M.

Inst

: AS Eelorussian SSR

Title

: The Effect of Azototobacterin and Molybdenum on the Uptake of Nutrients and on the Accumulation of Dry

Matter in Corn Grown on Peat-Eog Soil

Orig Pub

: Kukuruza v BSSR. Minak, AN BSSR, 1957, 204-225

Abstract

: Experiments conducted in 1955 at the Minsk Bog Experimental Station on peat-bog soil showed that treatment of the corn seeds (Moldavakaya Ryadovaya) with azotcbacterin increased the weight of a single plant from 136.61 g (control) to 166.45 g, and the 24-hour increment of the dry substance was increased from 1.77 to 2.53 g per single plant; the leaf surface area was increased from 3220 to

Card 1/2

- 66 -

17(1)

. AUTHORS: Mashtakov, S. M., Gol'dina, S. M., SC7/20-124-1-66/69

Matrosov, B. F.

TITLE: The Effect of Molybdenum Upon the Supply of Mineral Nutrition

Elements to the Plants and Upon the Development of Microflora Under Conditions of Peat Bog Soils (Vliyaniye melibdena na postupleniye v rasteniya elementov mineral nogo pitaniya i rasvitiya mikroflory v usloviyakh torfyano-bolotnykh pochv)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 1, pp 231-233

(USSR)

ABSTRACT: The favorable influence of tracer elements upon the breeding

of plants in peat bog soils has already several times been emphasized (Refs 1-4). In spite of the well-known important role of molybdenum in the life of higher plants (Refs 6-14) this effect has been little investigated. It was the aim of the authors to observe the changes of soil microflora in the case

of a molybdenum introduction into peat soils. In this connection they wanted to determine the amount of NPK-elements

accumulated in the plants (mineral nutrition nitrogen, phesphorus, potassium). Barley (Hordeum nudum = yachmen' golozernyy) and maize of the type Moldavskaya ryadovaya were

Card 1/3

The Effect of Molybdenum Upon the Supply of Mineral SOV/20-124-1-66/69 Nutrition Elements to the Plants and Upon the Development of Microflora Under Conditions of Peat Bog Soils

used for the experiments. The peat soil had pH 4.78 . It was fertilized with potassium phosphide. In addition to that the soil was sprayed with aqueous ammonium molybdate solution (5 and 10 mg per 1 kg absolutely dry soil). Tables 1, 2 show that molybdenum promotes the absorption of NPK-elements and the protein synthesis. This effect can be explained by an increased activity of the microflora within the range of root systems. It is a well-known fact that molybdenum stimulates the development of azotobacter in the soil (Refs 4.8). Thus the amount of assimilable nitrogen is increased. In the experiments carried out by the authors azotobacter had a favorable To Villa. influence upon other physiological groups of soil microorganisms (Table 3). It was furthermore proved that as a result of the intensified development of anotobacter in the "rhinosphere" of maize the leaf of the latter grew considerably bigger. Thus the

Card 2/3

The Effect of Molybdenum Upon the Supply of Mineral Sc7/25-124-1-66/69 Nutrition Elements to the Plants and Upon the Development of Microflora Under Conditions of Feat Bog Soils

amount of carbohydrates formed by photosynthesis is increased and therefore also the crop (Pable 4). Microorganisms were determined by F. F. Vavulo and Z. I. Konashevich. There are 4 tables and 18 references, 16 of which are Soviet.

ASSOCIATION: Institut biologii Akademii nauk BSSK (Institute of Biology,

Academy of Sciences, Belorasetan SSR)

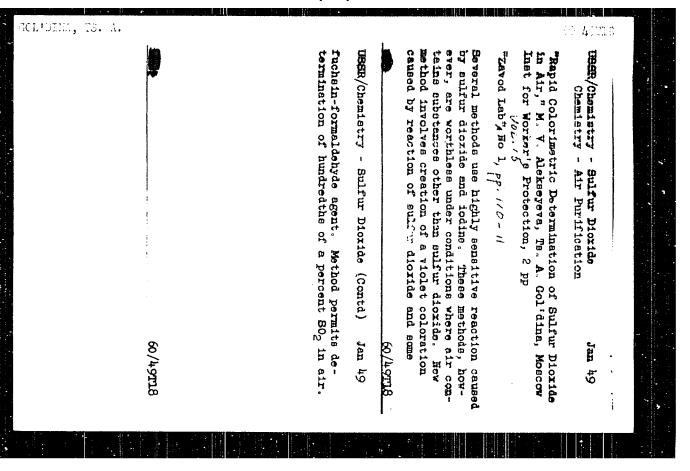
PREJENTED: September 2, 1958, by A. L. Kursanov, Academician

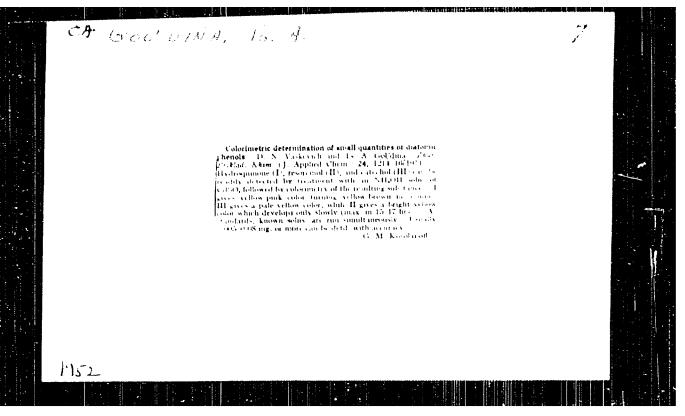
SUBMITTED: September 1, 1958

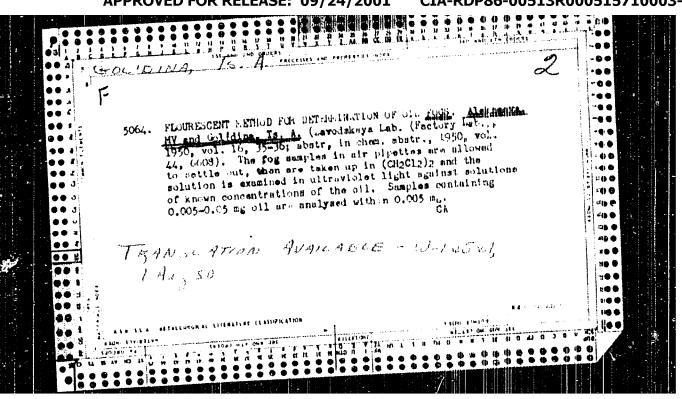
Card 3/3

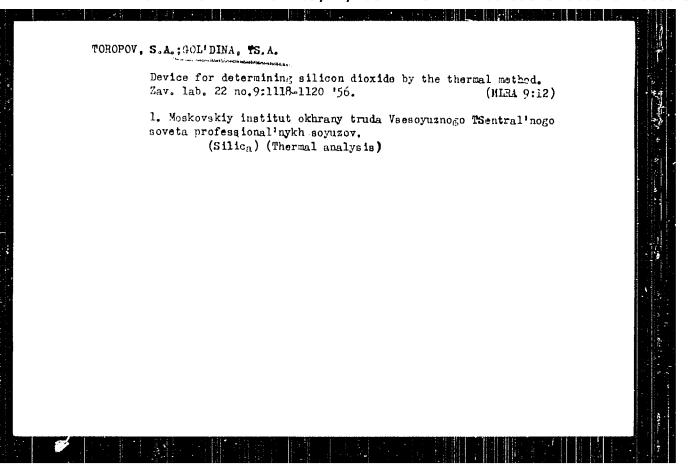
#### "APPROVED FOR RELEASE: 09/24/2001

#### CIA-RDP86-00513R000515710003-9









RUBANOVSKIY, B. R., kand. med. nauk; GOL'DINA, TS. M.

Two cases of sarcoleucosis. Vrach. dele no.6:148-150 Ja 102.

1. Gospital'naya terapevticheskaya klinika (zav. - prof. A. S. Vorcnov) Donetskogo neditsinskogo instituta na base oblastnov tsentral'nov klinicheskoy bol'nitsy.

(LEUNEMIA)

BER.Z.V. Yu.Ye: Y.LISEYEVA, A.V.; GOLIBERA, V.C.

Alioplasty of the thoracic segment of the emphagus index experimental conditions. Eksper.khir. I meet. no.2:22-27:46.

(Mica 16:7)

i. Iz otdetemiya khirurgii pishchev da (zav.-prof. Yu.Ye.EEREZOV)

I.stituta gradnov khirurgii (dir.-prof. S.A.holeanikov) ANN SSSR
i patologo-morfologicheskov loboratorii (zav.-kand.med.nauk V.G.
Golidina) Nauchno-insledovateliskogo instituta eksperimentalinov

khirurgicheskov apparatury i instrumentov (dir.-detcent T.G.

Ananiyer).

(ESOPRAGUS--CARCER) (SURCERY, PLASTIC)

GOLDINA, V.N.; IVASHKIN, A.M.; KIRCHAKOVA, T.L.; USFELSKIY, A.E., prof., red.; KHROMCHENKO, F.I., red. izd-va; SUNGUROV, V.S., tekhm.red.

[Problems of elementary mathematics essential for the study of geodesy]Voprosy elementarnoi matematiki neobkhodimoi pri izuchemii geodezii. Sost. V.N.Goldina, A.M.Ivashkin, T.L.Kirchakova. Pod red. A.K.Uspenskogo. Moskva, Izd-vo geodez. lit-ry, 1962. (MIRA 15:12)

1. Moscow. Institut inzhererov zemleustroystwa. Kafedra vysshey matematiki.

(Mathematics)

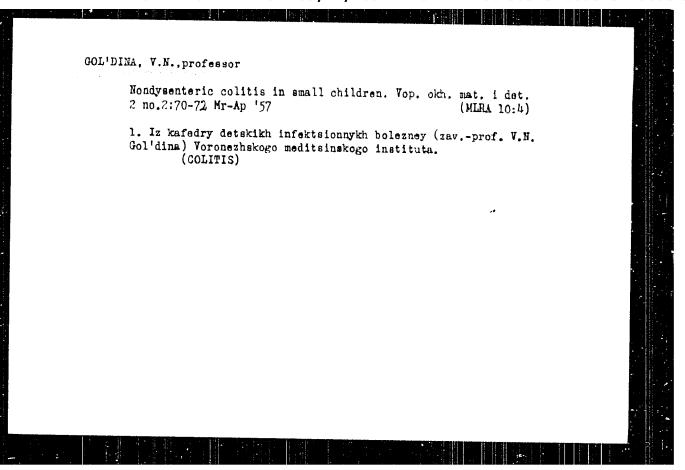
Atelectasis in the clinical treatment of pneumonia in children.
Report no.2. Pediatria 39 no.1:24-31 Ja-F '56. (MLRA 10:1)

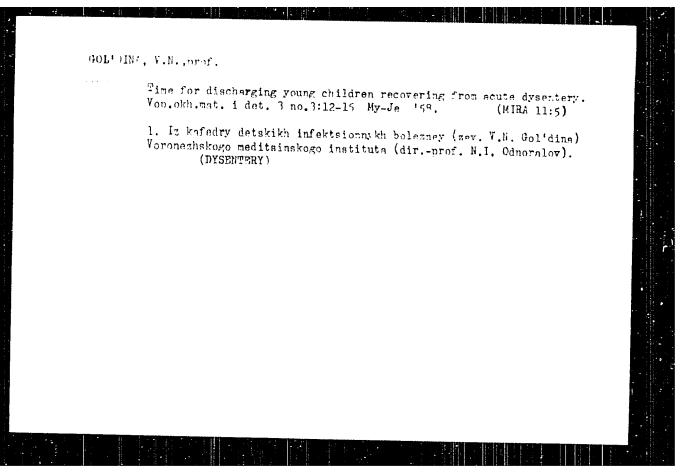
1. Iz kafedry propedevtiki detskikh bolezney (zev. - prof. B.N.
Gol'dina) Voronozhskogo meditsinskogo instituta.

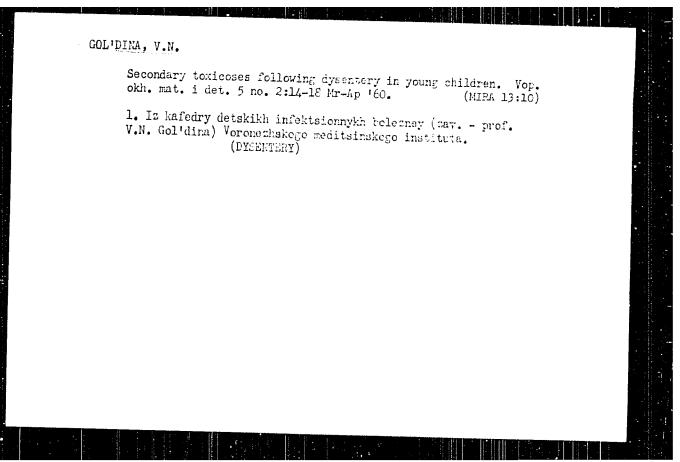
(PREUMONIA, compl.

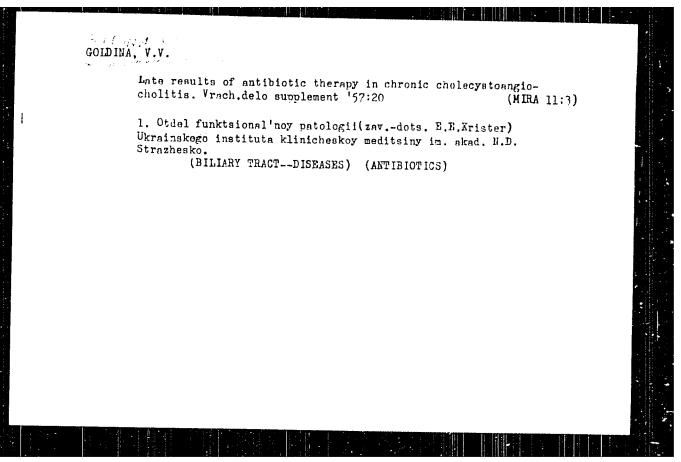
atelectasis, in child.)

(ATELECTASIS, eticl. and pathogen.
pneumonia, in child.)









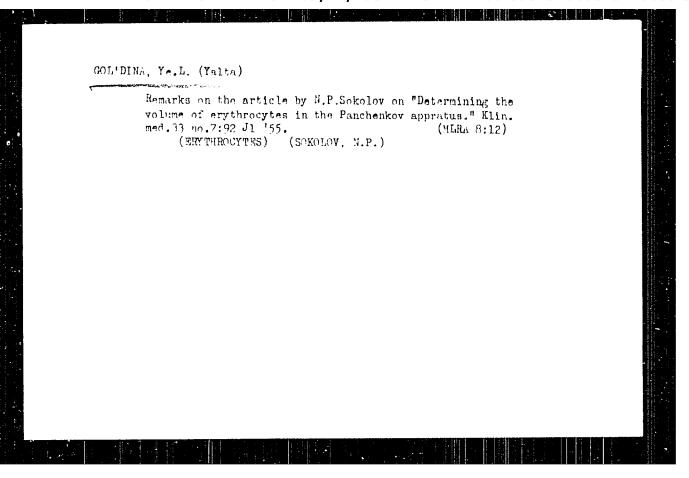
KRISTER, E.E. dotsent; BELYAYEVA, O.N.; GOLDINA, V.V.; GURSKAYA, T.K.;

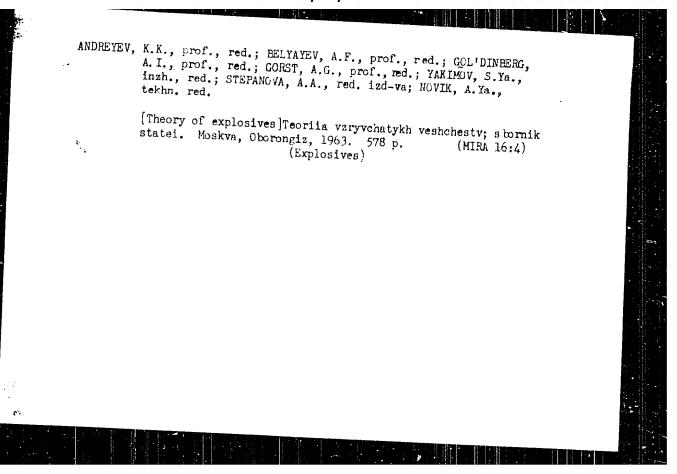
LESHCHENKO, A.I. (Kiyev)

Coronary insufficiency in people engaged in mental work. Xlin.med.
(MIRA 15:9)

1. Iz otdela funktsional'noy patologii (zav. - dotsent B.E.
Krister) Ukrainskogo nauchno-issledovatel'skogo instituta klinicheskoy meditsiny ineni akad. N.D. Strazhosko (dir. - masluzhennyy doyatel' nauki prof. A.L. Mikhnev).

(CORONARY HEART DISENSE)



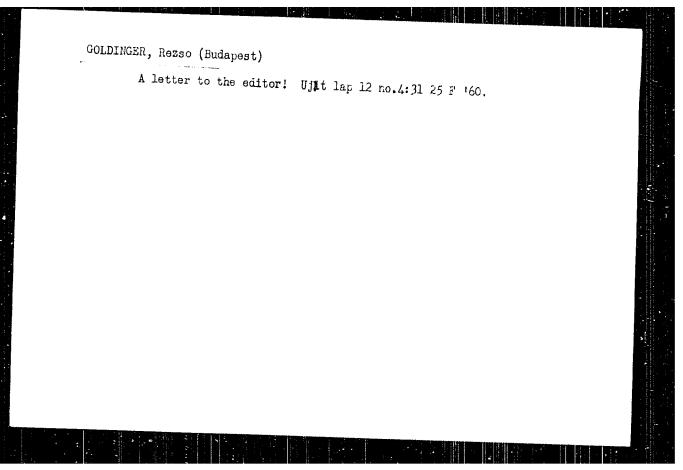


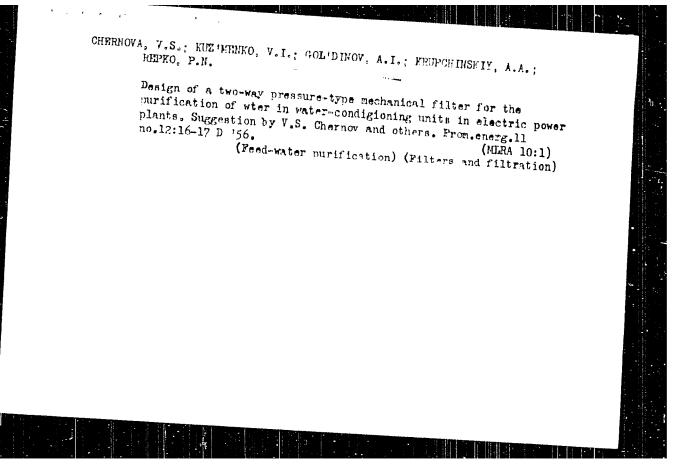
SOFINSKIY, I.D.; BLOKHIN, P.N.; GEL'BERG, L.A.; ZHDANOV, P.M.; IVASHCHENKO, I.P.; LEVINA, G.P.; NAUMOVA, N.A.; SMIHNOV, N.S.; ARONOVA, R.I.; NIKOLATEV, N.A.; SHERRITSIS, A.A.; KOVALEVSKIY, I.I.; LOBACHEV, P.V.; SLADKOV, S.P.; DZIGAN, A.V.; FORAFONOV, N.K. Prinimali uchastiye: ARGANSKIY, A.S.; ASMUS, Ye.N.; BVZHALOVA, Ye.N.; BOGATYKH, Ya.D.; BURENIN, V.A.; GOL'DING, N.P.; DOMSHLAK, I.P.; MOSKALEV, S.A.; RABINOVICH, S.G.; ROGOVSKIT, L.V.; KHOKHLOVA, L.P.; SHESTOPAL, N.M., RUBANENKO, B.R., glavnyy red.; GALKIN, Ya.G., zamest.glavnogo red.; SAPRYKIN, V.A., red.; SHCHEPETOV, V.M., red.; NOVITCHENKO, K.M., nauchnyy red.; VILKOV, G.N., inzh., red.; ZYAPKIN, B.G., red.; izd-va; EL'KINA, E.M., tekhn.red.

[Building your own home] Spravochnik individual nogo zastroishchika. Moskva, Gos.izd-vo lit-ry po stroit.materialam, 1958. 442 p.

(MIRA 12:2)

 Akademiya stroitel'stva i arkhitektury SSSR. (Building)





Valle of feet

USSR/Analytical Chemistry - Analysis of Inorganic Substances

0-2

Abs Jour : Ref Zhur - Khimiya, No 4, 1957, 12051

: Gol'dinov A.L., Roginskaya B.C.

: Method for the Petermination of Small Amounts of Caleius

Orig Iub : Zaved. Interatoriya, 1956, 22, No 7, 801-802

Abstract : The Frine (100 ml) is passed through a column filled with eathionite in the Ma-form, at a rate of 2.5 ml/minute. The column is washed with unter, 50-e0 ml, at a rate or 5 ml/mute, riltrate and washings are discarded. To elunte the Ca, 30 ml HCl (1:9) are passed through the column at a rate of 1.5-2 ml/minute, followed by 70 .A water at a rate of 5 ml/minute. Acid solution and washings are neutralized, to lithus, with caustic Soda, 2 ml 2 M solution or West are added, and alterated is

carried out with 0.01 H relation of Complexen III, in the presence of murexide, until color of the solution danges from

Card 1/2

G-2 UCSR/Analytical Chemistry - Analysis of Incremnic Substances Ads Jour : Ref Zhur - Khimiya, No 4, 1957, 12051 crimson to violet. After each determination the eathionite is regenerated by passing through it 50 ml HCl (1:4), washing with water to a neutral reaction with methyl prange, and passing 40 ml of a 5% solution of MaOH through the column at a rate of I al/minute. The outflow from the column must have an alkaline reaction. Thereafter the cathionite is washed with water to a neutral reaction. Card 2/2

